

Fig. 2

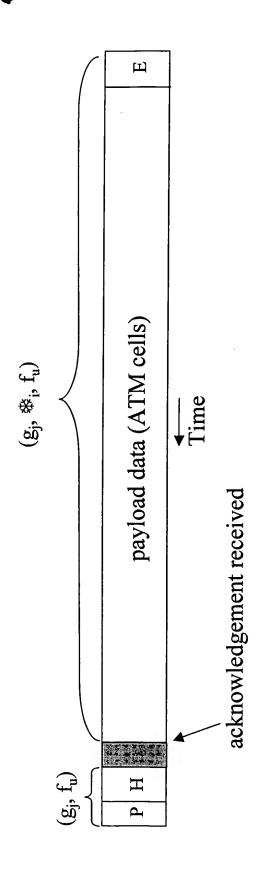


Fig. 3a

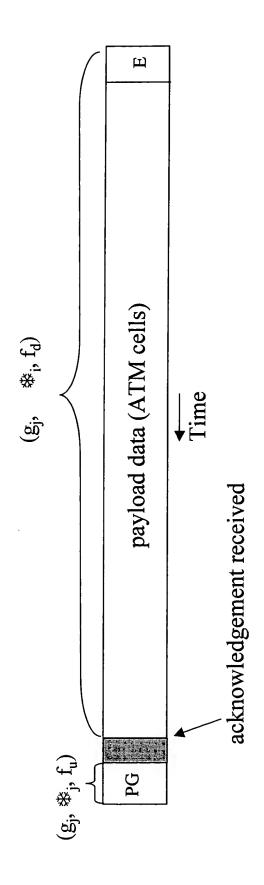


Fig. 3b

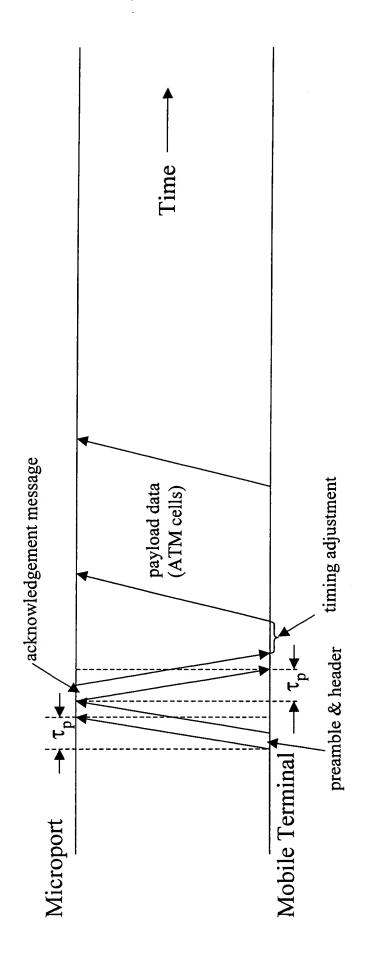


Fig. 4a

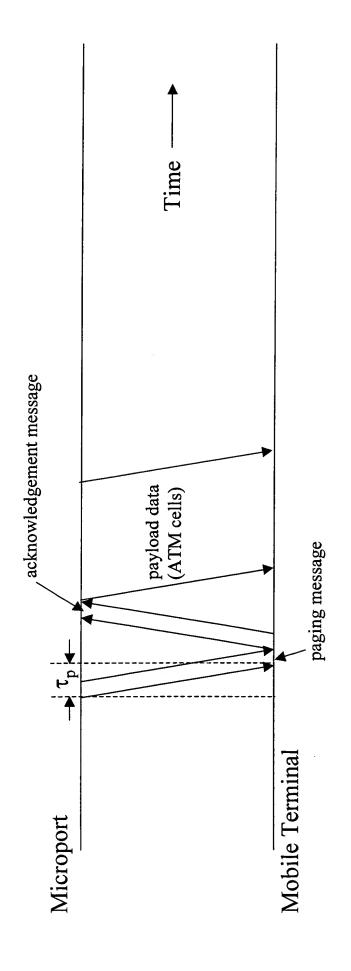


Fig. 4b

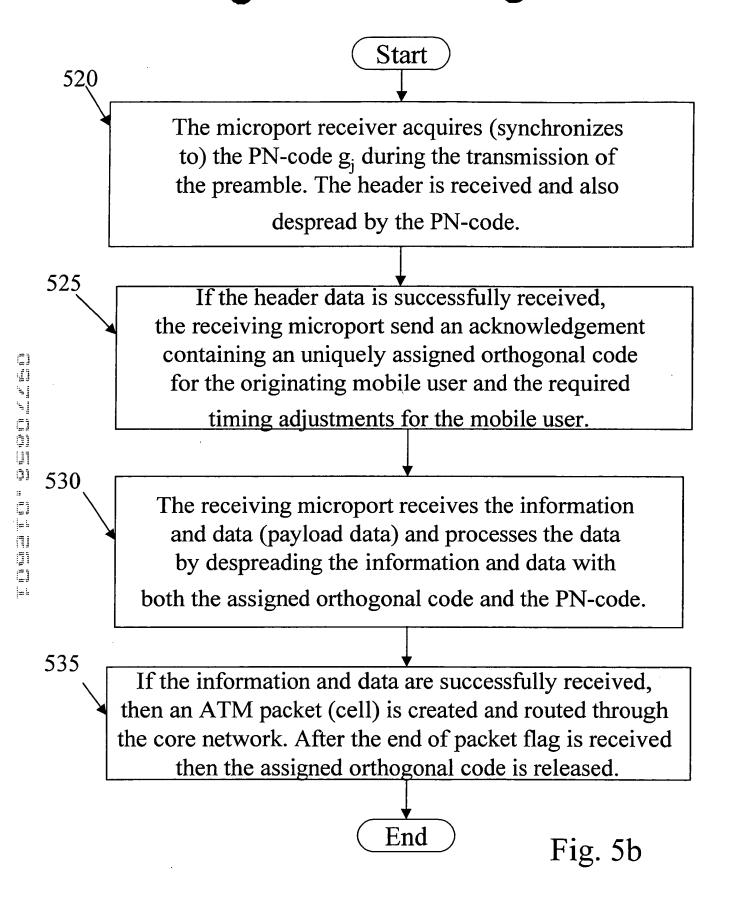


preamble, a few bits of data are transmitted that identify the transmitting mobile user. The mobile subscriber terminal transmits a preamble signal spread by a PN-code g (identifying the microport) and "marks" the point of the time origin. Following the This constitutes the packet header and is also spread by the PN-code gi.

subscriber terminal also adjusts its transmission time (with respect to the marked point maintained by the microport) by the amount indicated in the acknowledgement so that all transmissions are synchronized. If no acknowledgement is received within time out orthogonal code (contained in the acknowledgement.) and the PN-code. The mobile After an acknowledgement is received within time out period, the mobile subscriber terminal spreads the information and data (i.e., ATM cell) by both the assigned the mobile retransmits the preamble and header,

subscriber terminal sends an end of packet flag, which The assigned orthogonal code is released, making that After the end of the information and data, the mobile is also spread by the orthogonal and PN codes. unique code available for reuse.

Fig. 5a



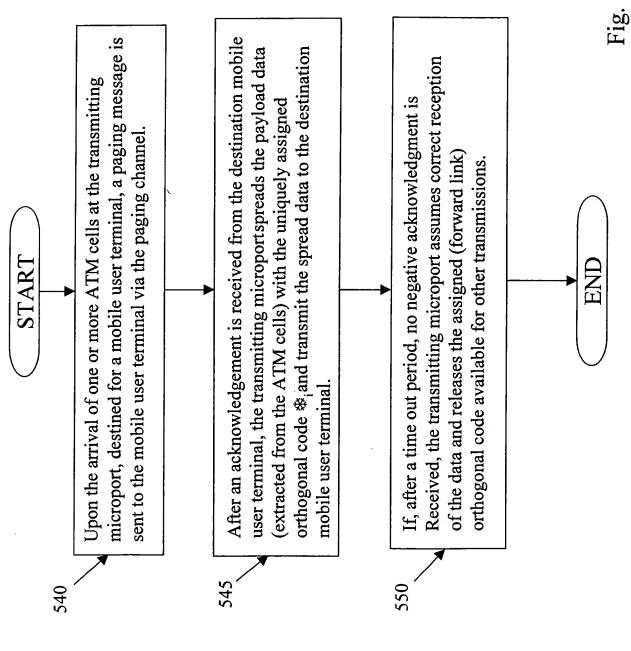


Fig. 5c

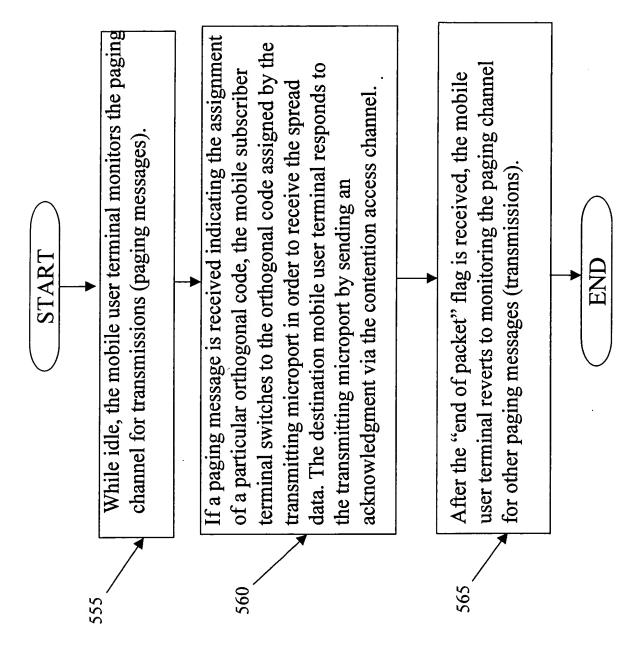


Fig.5d

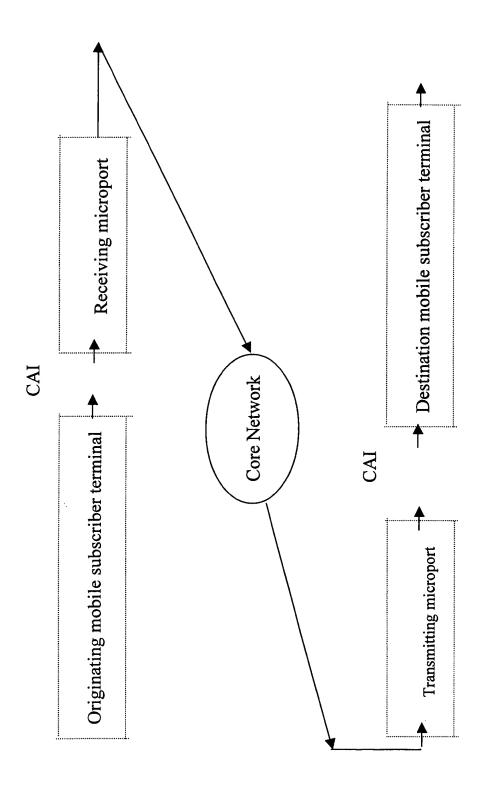
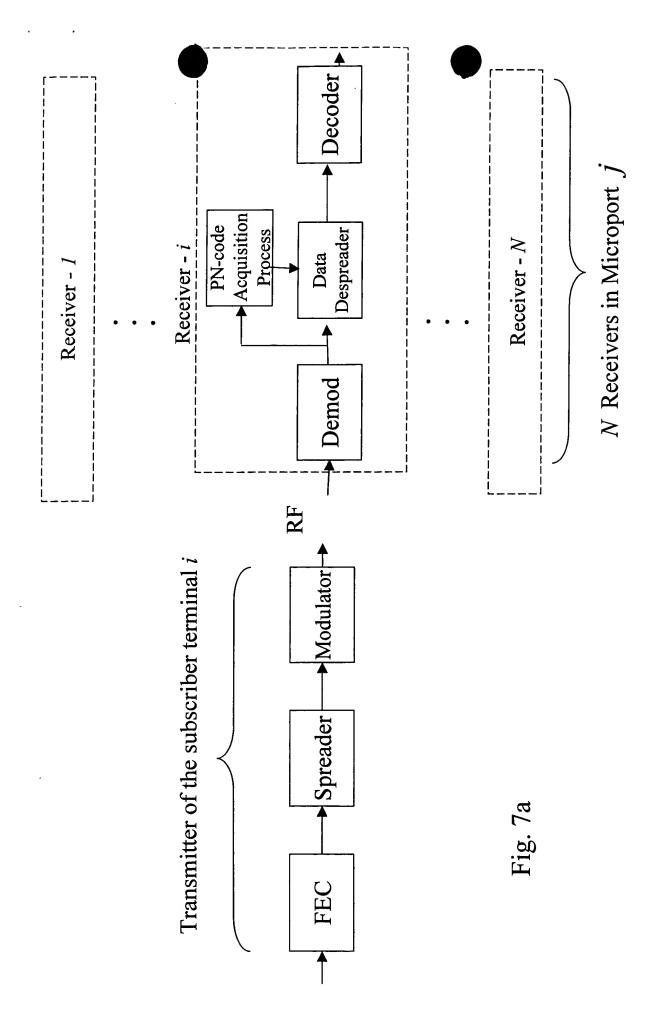


Fig. 6



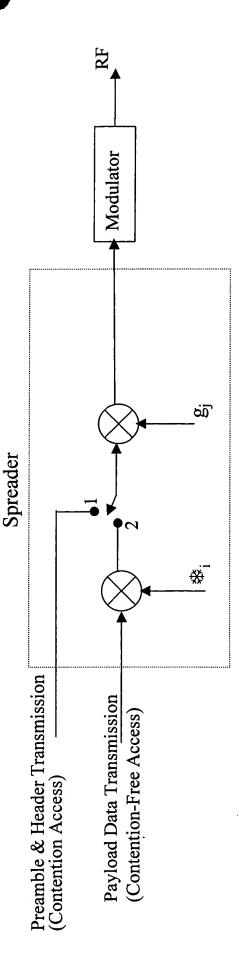


Fig. 7b

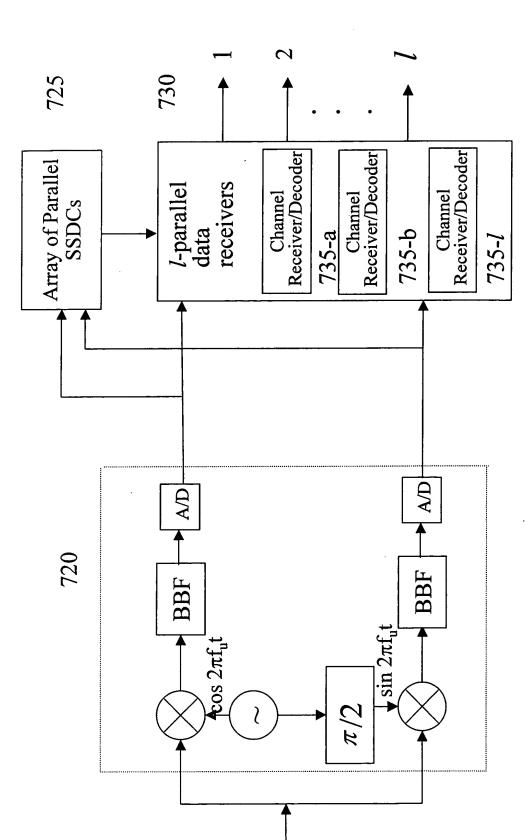


Fig. 7c

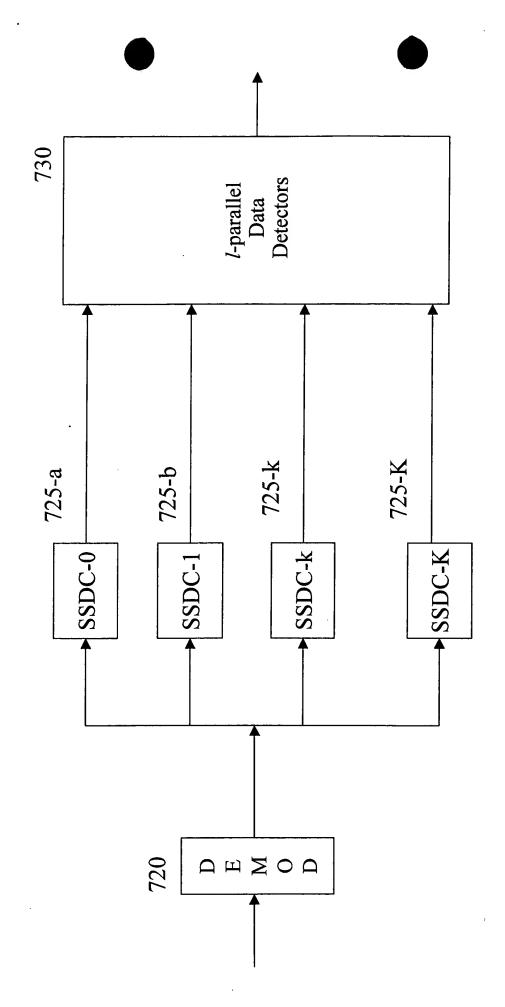


Fig. 7d

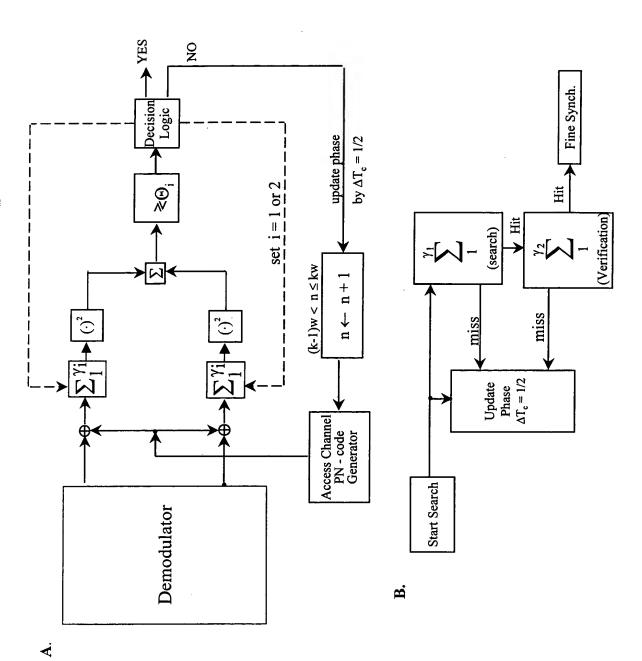


Figure 7e

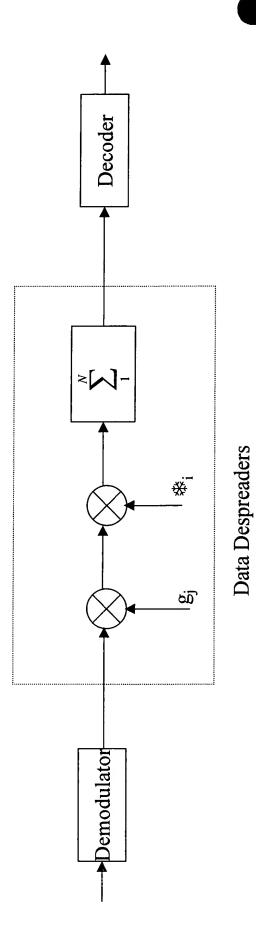


Fig. 7f

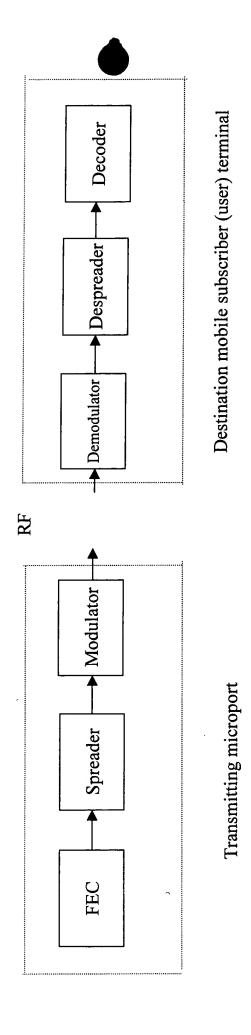


Fig. 8a

Fig. 8b

Fig. 8c